
ELIS Incident Report

Part A: General Information

Incident ID

1024154-006

County: Orange

Incident Date: through

Year: 2010

State: CA

Total Number: 1

Case #: D1011671

Country: USA

Total Magnitude:

Weather:

Incident Type

☐ Aqua. Animal

☒ Terr. Animal

☐ Field Study

Created: 9/7/2012

☐ Aqua. Plant

☐ Terr. Plant

Updated: #####

Abstract:

A cougar that died in Orange County, CA during 2010 was received by a state lab on 11/18/2010. Analysis of liver tissue samples detected brodifacoum (0.13 ppm), bromadiolone (1.5 ppm), difethialone (trace), diphacinone (trace) and warfarin. The cat died from unknown causes

Reports

Package #	Incident #	Source	Report Date
024154	006	California Animal Health and Food Safety	12/1/2010

ELIS Incident Report

Part B: Pesticide Information

I024154-006

County: Orange

State: CA

Date:

Pesticide: Brodifacoum (112701)

Type: R

Use Site:

Product:

Appl. Method:

Appl. Rate:

Formulation:

Air/Ground:

Legality: Undetermined

Certainty: Unlikely

The cat died from unknown causes. The rodenticides brodifacoum, bromadiolone, difethialone, diphacinone and warfarin were detected in liver tissue samples. The detected anticoagulant rodenticides in liver tissue samples are most likely incidental findings in this case.

Pesticide: Bromadiolone (112001)

Type: R

Use Site:

Product:

Appl. Method:

Appl. Rate:

Formulation:

Air/Ground:

Legality: Undetermined

Certainty: Unlikely

The cat died from unknown causes. The rodenticides brodifacoum, bromadiolone, difethialone, diphacinone and warfarin were detected in liver tissue samples. The detected anticoagulant rodenticides in liver tissue samples are most likely incidental findings in this case.

Pesticide: Diphacinone (067701)

Type: R

Use Site:

Product:

Appl. Method:

Appl. Rate:

Formulation:

Air/Ground:

Legality: Undetermined

Certainty: Unlikely

The cat died from unknown causes. The rodenticides brodifacoum, bromadiolone, difethialone, diphacinone and warfarin were detected in liver tissue samples. The detected anticoagulant rodenticides in liver tissue samples are most likely incidental findings in this case.

Pesticide: Warfarin (086002)

Type: R

Use Site:

Product:

Appl. Method:

Appl. Rate:

Formulation:

Air/Ground:

Legality: Undetermined

Certainty: Unlikely

The cat died from unknown causes. The rodenticides brodifacoum, bromadiolone, difethialone, diphacinone and warfarin were detected in liver tissue samples. The detected anticoagulant rodenticides in liver tissue samples are most likely incidental findings in this case.

ELIS Incident Report

Part C: Species Information

I024154-006

County: Orange

State: CA

Date:

1

Species: Mountain lion

Response:

Sci. Name: Felis concolor

Magnitude:

Taxon: Mammal

Habitat:

Age:

Distance:

Rt. of Exposure: N/R

Necropsy

Number:

Condition:

Cholinesterase

Number:

Activity:

um/g/min

Percent of Normal

Tissue Residues

Sample Type	PC Code	Pesticide	N	Conc. (ppm)
Liver	112001	Bromadiolone	1	1.5
Liver	067707	Chlorophacinone	1	Trace
Liver	112701	Brodifacoum	1	0.13
Liver	128967	Difethialone	1	Trace
Liver	067701	Diphacinone	1	Trace

EIIS Incident Report

Part D: Environmental Measurements

County:

State:

Date:

Common Name

PC Code

Degredate

Concentrations
in ppb

Water

Soil

Sediment

Foliage

Min.

Max.

N

LOD

Other Samples

Description

Concentration

N

LOD

Dissolved Oxygen (ppm)

to

pH

to
